

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049649 A1

- (51) International Patent Classification⁷: **C07K 14/715**
- (21) International Application Number:
PCT/EP2004/052807
- (22) International Filing Date:
4 November 2004 (04.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/517,447 5 November 2003 (05.11.2003) US
03104092.6 5 November 2003 (05.11.2003) EP
- (71) Applicant (for all designated States except US): Ares Trading S.A. [CH/CH]; Zone industrielle de l'Ouriettaz, CH-1170 Aubonne (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ROSSI, Mara** [IT/IT]; Via Giuseppe Mantellini, I-00179 Rome (IT). **ZIEGLER, Thierry** [FR/FR]; 18, chemin de Jacquin, F-33850 Leognan (FR). **VALOGNES, Laure** [FR/FR]; 54, rue de Patay, F-33000 Bordeaux (FR).
- (74) Agent: **SERONO INTERNATIONAL S.A.**; Intellectual Property, 12, chemin des Aulx, CH-1228 Plan-les-Ouates (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declarations under Rule 4.17:**
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
 - of inventorship (Rule 4.17(iv)) for US only
- Published:**
- with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PURIFICATION OF IL-18 BINDING PROTEIN

(57) Abstract: The invention relates to a process for the purification of IL-18 binding protein (IL-18BP) from a fluid comprising hydrophobic charge-induction chromatography.

WO 2005/049649 A1